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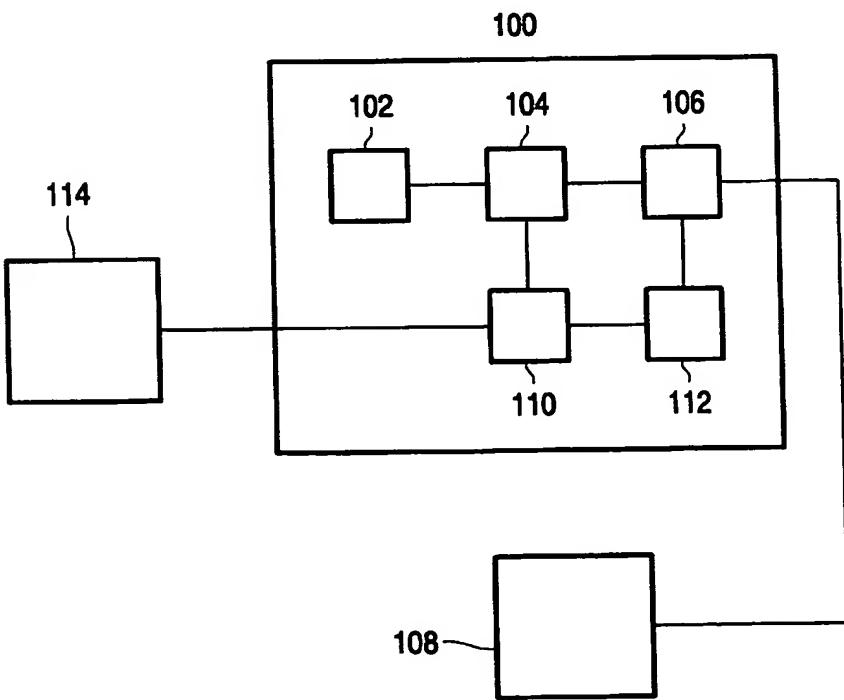
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(54) Title: SCALABLE VIDEO COMPRESSION BASED ON REMAINING BATTERY CAPACITY



**(57) Abstract:** A method and apparatus for controlling the recording of streaming data by a mobile recording apparatus is disclosed. A streaming data input signal is received and the streaming data signal is compressed in a scalable manner using a scalable encoder to create layered encoded streaming data streams. Storage of the layered encoded streaming data streams is begun in a storage device at a first bit-rate. The remaining battery life for the apparatus is determined at the first bit-rate. The bit rate is reduced to a second bit-rate by stopping the storage of at least one of the layered encoded streaming data streams to lengthen the remaining battery life of the apparatus.